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(71) Applicant: HUMAN GENOME SCIENCES, INC.
Rockville, MD 20850-3338 (US)

(72) Inventors:

- Kunsch, Charles A.
Gaithersburg, Maryland 20882 (US)

- Choi, Gil H.
Rockville, Maryland 20850 (US)
- Barash, Steven C.
Rockville, Maryland 20850 (US)
- Dillon, Patrick J.
Gaithersburg, Maryland 20879 (US)
- Fannon, Michael R.
Silver Spring, Maryland 20906 (US)
- Rosen, Craig A.
Laytonsville, Maryland 20882 (US)

(74) Representative: VOSSIUS & PARTNER
Postfach 86 07 67
81634 München (DE)

(54) Staphylococcus aureus polynucleotides and sequences

(57) The present invention provides polynucleotide sequences of the genome of *Staphylococcus aureus*, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynu-

cleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.